CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/BTR/W.No.14/SDBC/Bit/2016-17 16.09.2016

BITUMEN CONTENT GRADATION DETERMINATION OF SEMI DENSE BITUMINOUS CONCRETE MIX

As per IS2386 and IRC:SP:11-1984

CUSTOMER	**Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	**Mr. B.T. Ravikumar,** No.180, 3rd Main, H.V.R. Layout, Magadi Road, Bangalore – 560 079.
NAME OF THE WORK	Improvements to Road, Drain, Foot path 12th, 19th and 20th cross Left side Bagalagunte in Ward No.14, BBMP, Bangalore.
REFERENCE	BBMP/DZ/AEE/TDSD/PR/132/2016-17 Dated: 02.08.2016
SAMPLE I/D	12th, 19th & 20th Cross Left Side Bagalagunte Ward No.14
DATE OF TESTING	16.09.2016

GRADATION AFTER EXTRACTION

Sieve Size in mm	Trail 1				Specified Limits as per MORTH specification table 500-15 (Grading-2)
	Weight Retained, gm	% Retained	%Cummulative Retained	% Passing	
13.2	0	0	0	100	100
9.5	25.32	5.33	5.33	94.67	90-100
4.75	263.5	55.47	60.80	39.20	35-51
2.36	52.47	11.05	71.85	28.15	24-39
1.18	35.28	7.43	79.28	20.72	15-30
0.3	36.23	7.63	86.91	13.09	9-19
0.075	39.85	8.39	95.29	4.71	3-8

Sieve Size in mm	Trail 2				Specified Limits as per MORTH specification table 500-15 (Grading-2)
	Weight Retained, gm	% Retained	%Cummulative Retained	% Passing	
13.2	0	0	0	100	100
9.5	33.24	7.01	7.01	92.99	90-100
4.75	255.7	53.89	60.89	39.11	35-51
2.36	55.48	11.69	72.59	27.41	24-39
1.18	37.12	7.82	80.41	19.59	15-30
0.3	34.25	7.22	87.63	12.37	9-19
0.075	36.23	7.64	95.26	4.74	3-8

Note:

- This test report should not be reproduced except in full, without written approval of the laboratory
- The results indicated above are based on the tests carried out on the samples received in the laboratory
- Any Query regarding the report must be reported within 30 days from the date of testing.

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